

MODEL 160 RF RATE OF FLOW PILOT (NORMALLY OPEN)

PRODUCT OVERVIEW

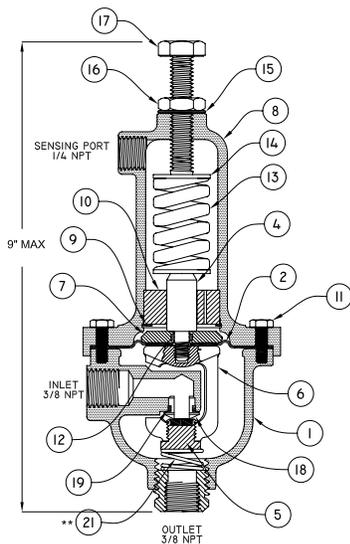
The 160-RF pilot is a spring and diaphragm operated pilot designed to sense a differential across an external orifice plate. It is a normally open pilot that also has a sensing port in the spring casing, above the diaphragm and is available in stainless steel.

The inner valve is held open by the spring and when the control pressure below the diaphragm exceeds the combined forces of the spring and the sensing pressure, the pilot valve closes. The 160-RF is the standard rate of flow control pilot on all 106 and 206 series valves.



ORDERING INSTRUCTIONS

Refer to page 244 for the order form and ordering instructions.



*Recommended Spare Parts - supplied in Parts KIT
 **Range 2- 20 psid only

- 1. Body (Bronze)
- *2. Diaphragm (EPDM)
- 4. Stem (Stainless Steel)

- *5. Inner Valve (Stainless Steel & EPDM)
- 6. Yoke (Stainless Steel)
- 7. Clamp Plate (Brass)
- 8. Spring Casing (Bronze)
- 9. Retaining Ring (Stainless Steel)
- 10. Guide Bushing (DELTRIN)
- 11, 16, 17. Fasteners (Stainless Steel)
- *12, 19. Seal (Buna-N)
- 13, 21. Spring (Spring Steel)
- 14, 20. Spring Step (Stainless Steel)
- 15. Thread Seal (Steel & Buna-N)
- 18. Seat Ring (Stainless Steel)
- **21. Bucking Spring (Stainless Steel)
- **22. Bleed Screw (Stainless Steel)
- **23. Bleed Screw Seal (Stainless Steel and Neoprene)

	Spring Ranges	Approximate psi per turn
Standard	25 to 50 psi (1.72 to 3.45 bar)	2 psi (0.138 bar) per turn
Optional	5 to 50 psi (0.345 to 3.45 bar)	3.4 psi (0.23 bar) per turn